


photocurrent color coded scale" recited in claim 5, Applicants again direct the Examiner's attention to Fig. 9, which shows images obtained when two different modes of operation according to the invention are utilized. As described at page 13, lines 20-24 of the application, the right part of Fig. 9 shows Scanning Light Pulse Technique (SLPT) images. The SLPT images shown in Fig. 9 may be generated using a photocurrent color coded scale. Even if the generation of the SLPT images shown in Fig. 9 using a photocurrent color coded scale is not explicitly described in the specification, it is apparent from other passages of the specification and the contents of other drawing figures that this may be carried out. For example, Applicants direct the Examiner's attention to Fig. 3 and the paragraph bridging pages 11 and 12 of the specification, in which the principle of SLPT is shown and described, respectively. Along these lines, Fig. 3 clearly shows that a photocurrent color coded scale may be utilized for displaying a chemical or biochemical image based on signals from the detector when the SLPT mode of operation is utilized. Accordingly, the specification describes and the figures illustrate the subject matter recited in claim 5.

Regarding the recitation in claim 9 of "the shape . . . and background color of said illuminating area configured through a user interface", Applicants again point out that the specification clearly describes this aspect of the invention. It is clear from the specification that the shape and the background color of the illuminating area may be configured through a user interface. For example, at page 4, lines 14-16, the specification states that, "[A] display already used to visualize results and to provide a user interface required in all of these computerized techniques, may become a large area light source with configurable properties . . .". Since the display may, for example, be a computer monitor, a mobile phone or a TV-screen as described in

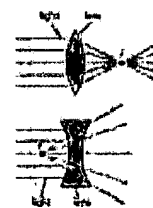
the paragraph bridging pages 1 and 2 of the specification, it is thereby apparent for a person skilled in the art that the shape and the background color of the illuminating area may be configured through a user interface.

Regarding the recitation of "a magnifying lens between the sample and the detector" in claim 26, the specification clearly describes this aspect of the invention. For example, the specification describes at page 13, lines 15-18, that, "[I]t is possible to focus the light from the screen by using diffractive or refractive lenses between the screen and the sample, and/or between the sample and the camera." As shown below, as defined by The American Heritage Dictionary, a lens can refract light. Therefore, a magnifying lens is a refracting lens.



lens (lěnz) 
n., pl. lens·es.

1. A ground or molded piece of glass, plastic, or other transparent material with opposite surfaces either or both of which are curved, by means of which light rays are refracted so that they converge or diverge to form an image.
2. A combination of two or more such pieces, sometimes with other optical devices such as prisms, used to form an image for viewing or photographing. Also called *compound lens*.
3. A device that causes radiation other than light to converge or diverge by an action analogous to that of an optical lens.
4. A transparent, biconvex body of the eye between the iris and the vitreous humor that focuses light rays entering through the pupil to form an image on the retina.



(Click to
enlarge)
lens

Light rays converge,
passing through a
biconvex lens (top)
and diverge, passing
through a biconcave
lens (bottom). The
label *f* indicates the
focal point.
(Precision Graphics)

The detector according to the present invention may be a camera, as described at page 6, lines 21-22, and page 7, lines 22-23, among other passages. Therefore, the specification describes the

present invention as recited in claim 26.

In view of the above, the specification supports the present invention as recited in claims 5, 9, and 26 and Applicants have fully responded to the prior office action.

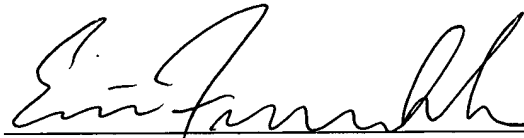
In conclusion, Applicants submit that this case is now in condition for allowance and respectfully request favorable reconsideration of this case and early issuance of the Notice of Allowance.

The undersigned authorizes the Commissioner to charge fee insufficiency and credit overpayment associated with this communication to Deposit Account No. 22-0261.

Respectfully submitted,

Date: _____

1/4/06

A handwritten signature in black ink, appearing to read "Eric J. Franklin", written over a horizontal line.

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